

Application No.: 09/767,390

Docket N .:JCLA6877

In The Claims:

Please amend claims 1 and 7 as follows:

Claim 1. (Currently Amended) A pixel structure for a liquid crystal display, ~~with a design of multi-domain vertical alignment (MVA)~~, the pixel structure comprising:

a first substrate, with respect to a pixel, having a W-like extruding structure composed of two V-like structures formed on a surface of the first substrate, which is with respect to a top view of the first substrate;

an second substrate, parallel to the first substrate, having a plurality of openings, wherein, with respect to the top view, the openings are aligned along a direction from a tip of the V-like structures to an edge of the pixel structure; and

a liquid crystal layer located between the first substrate and the second substrate, wherein the W-like extruding structure abuts the liquid crystal layer,

wherein the first substrate and the second substrate produce a multi-domain vertical alignment (MVA) structure in the liquid crystal layer.

Claim 2. (original) The pixel structure of claim 1, wherein a shape of the openings comprises an isosceles triangle, and sides of the isosceles triangle are parallel to sides of the V-like structure.

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Claim 3. (original) The pixel structure of claim 1, wherein the aligned direction of the openings is parallel to the central line of the V-like structure.

Claim 4. (original) The pixel structure of claim 1, wherein the pixel structure has a shape of quadrate.

Claim 5. (original) The pixel structure of claim 4, wherein the shape of pixel structure comprises a baguette.

Claim 6. (original) The pixel structure of claim 1, wherein the V-like structure has a tip angle of 90 degrees.

Claim 7. (Currently Amended) A baguette pixel structure ~~with a design of multi-domain vertical alignment~~, comprising:

a first substrate having a W-like extruding structure composed of two V-like structures formed on a surface of the first substrate, which is with respect to a top view of the first substrate;

an second substrate, parallel to the first substrate, having a plurality of openings, wherein, with respect to the top view, the openings are aligned along a direction from a tip of the V-like structures and vertical to a long edge of the baguette pixel structure; and

a liquid crystal layer located between the first substrate and the second substrate, wherein the W-like extruding structure abuts the liquid crystal layer,

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wherein the first substrate and the second substrate produce a multi-domain vertical alignment (MVA) structure in the liquid crystal layer.

Claim 8. (original) The baguette pixel structure of claim 7, wherein a shape of the opening comprises a triangle, wherein an angle of the triangle is pointing to a tip of the V-like structures.